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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1 Of 3

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Complete if Known					
Application Number	09/590,527				
Filing Deta	June 8, 2000				
First Named Inventor	Salman Akram				
Group Art Unit	2827 2813				
Examiner Name	J. Mitchell				
Attorney Docket Number	4101US (99-0572.00/US)				

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant	
2110		US-6,251,488	06/26/01	Miller et al.	Figures Appear	
7419		US-6,259,962	07/10/01	Gothait		
		US- 6,268,584	07/31/01	Keicher et al.		
		US- 6,326,698	12/04/01	Akram		
+		US- 6,391,251	05/21/02	Keicher et al.		
		US- 6,461,881	10/08/02	Famworth et al.		
		US- 6,506,671	01/14/03	Grigg		
		US- 6,525,408	02/25/03	Akram et al.		
		US- 6,544,821	04/08/03	Akram		
		US- 6,548,897	04/15/03	Grigg		
-		US- 6,569,753	05/27/03	Akram et al.		
allM		US- 6,630,365	10/07/03	Farnworth et al.		
112		US-				
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	FOREIGN PATENT DOCUMENTS							
Examiner Cite No. 1	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
		Country Code ³ - Number ⁴ - Kind Code ³ (if known)	MM-DD-YYYY	Applicant of Cited Document				
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Examiner Signature	5,	Malet	Date Considered	9/14/09	

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Complete if Known Substitute for form 1449A/PTO Application Number 09/590,527 INFORMATION DISCLOSURE June 8, 2000 Filing Date STATEMENT BY APPLICANT First Named Inventor Salman Akram 2827~ 28 Group Art Unit J. Mitchell **Examiner Name** (use as many sheets as necessary) 4101115 (99-0572 00/115) Attomey Docket Number

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
ALL		U.S. Patent Application Publication 2002/0043711 A1 to Akram et al., dated April 18, 2002				
-2.		U.S. Patent Application Publication 2002/0105074 A1 to Akram et al., dated August 8, 2002				
		U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002				
		U.S. Patent Application Publication 2003/0022462 A1 to Farmworth et al., dated January 30, 2003				
		U.S. Patent Application Publication 2003/0089999 A1 to Akram, dated May 15, 2003				
		U.S. Patent Application Publication 2003/0092220 A1 to Akram, dated May 15, 2003				
		U.S. Patent Application Publication 2003/0098499 A1 to Akram et al., dated May 29, 2003				
		U.S. Patent Application Publication 2003/0139030 A1 to Grigg, dated July 24, 2003				
		U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003				
		U.S. Patent Application Publication 2003/0173665 A1 to Grigg, dated September 18, 2003	. —			
MM		U.S. Patent Application Publication 2003/0176016 A1 to Grigg, dated September 18, 2003				

			
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MH		U.S. Patent Application Publication 2003/0203612 A1 to Akram et al., dated October 30, 2003	
TAU		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
Part de		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
Fal	7	Webpage, Objet Prototyping the Future, "Objet FullCure700 Series", I page	
7M	7	Webpage, Objet Prototyping the Future, "How it Works", 2 pages	
MR.	(U.S. Patent Application No. 09/590,621, filed June 8, 2000, entitled "Stereolithographic Method and Apparatus for Fabricating Stabilizers for Flip-Chip Type Semiconductor Devices and Resulting Structures", inventor Akram et al.	
THU		U.S. Patent Application No. 10/201,208, filed July 22, 2002, entitled "Thick Solder Mask for Confining Encapsulant Material Over Scienced Locations of a Substrate, Assemblies Including the Solder Mask, and Methods", inventor Grigg et al.	
My	·	U.S. Patent Application No. 10/688,354, filed October 17, 2003, entitled "Thick Solder Mask for Confining Encapsulant Material Over Selected Locations of a Substrate and Assemblies Including the Solder Mask", inventor Grigg et al.	
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